

FIG. 1

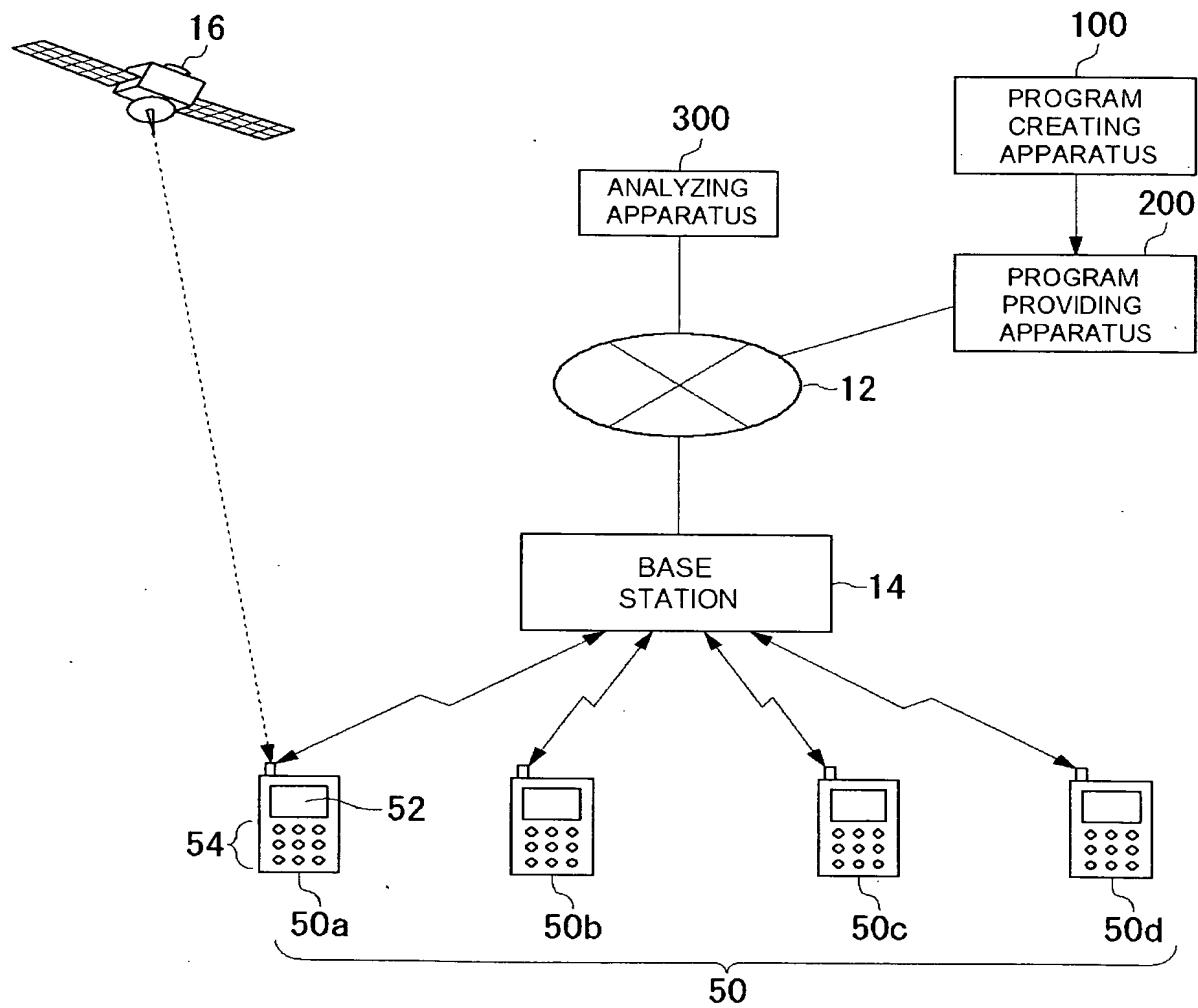


FIG. 2

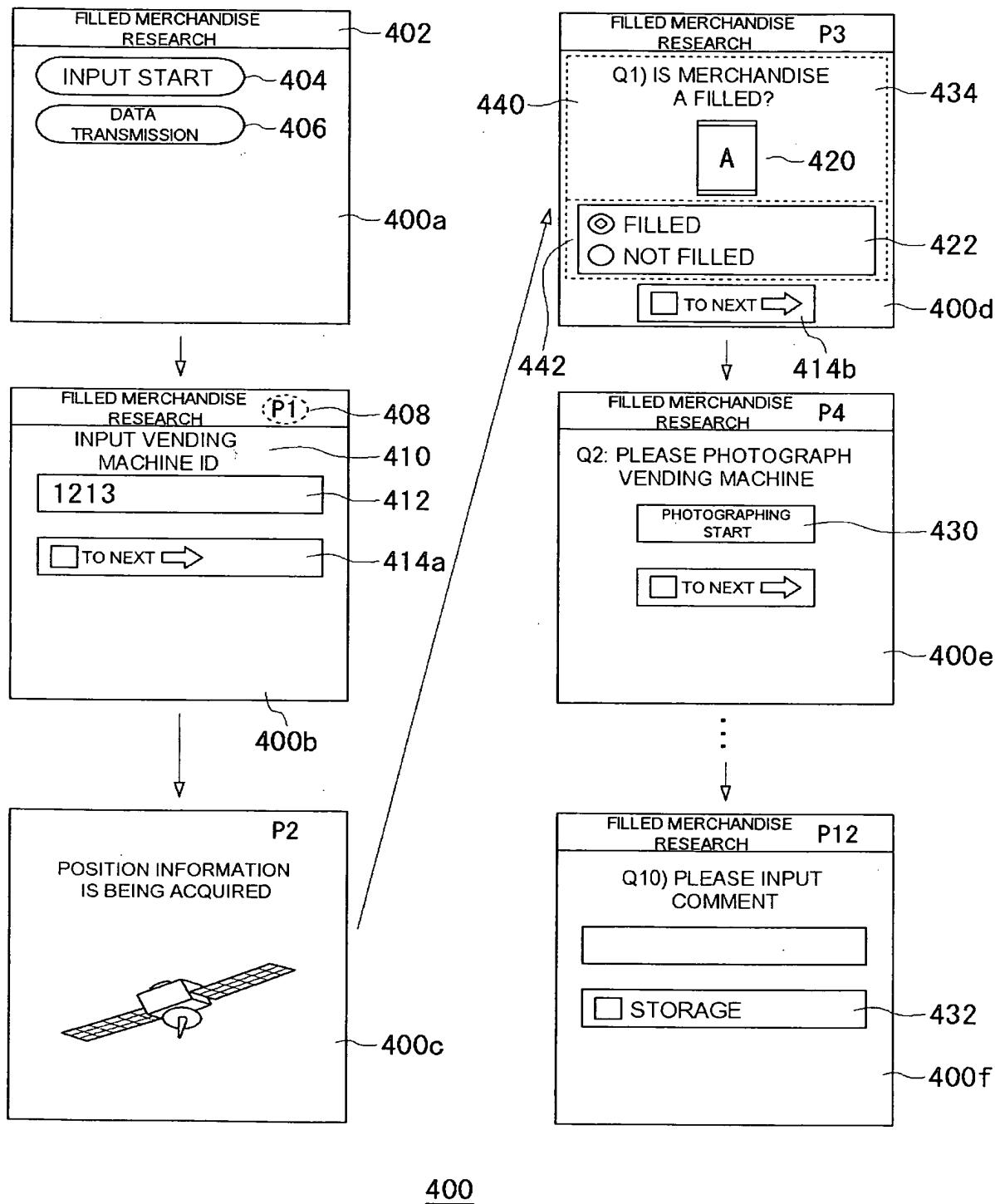
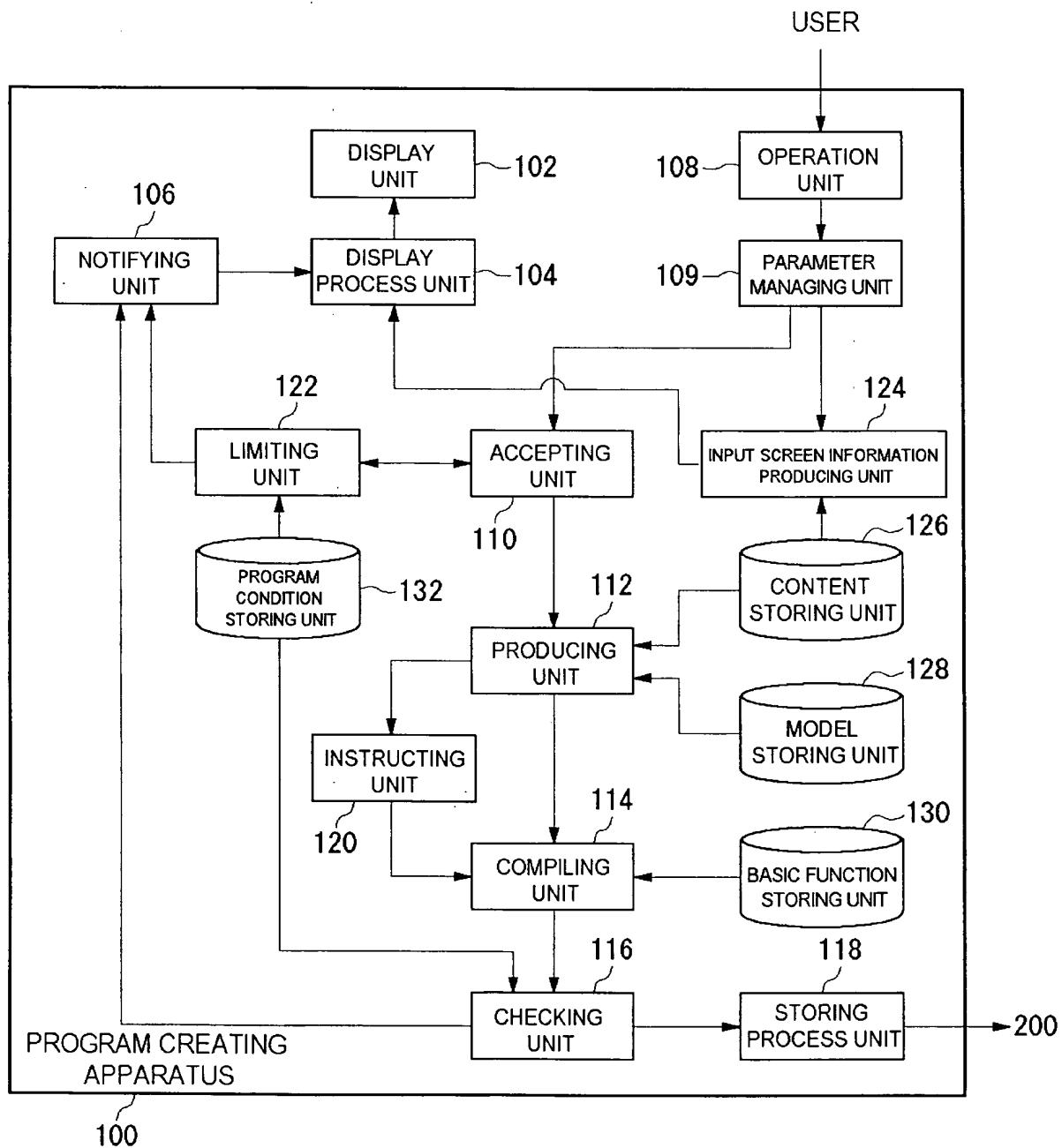


FIG. 3



100

FIG. 4

RESEARCH SHEET EDITION

NEW UPDATE OPERATION RETURN

RESEARCH INFORMATION

RESEARCH ID: 83
RESEARCH NAME: FILLED MERCHANDISE RESEARCH
DATA TRANSMISSION URL: <http://aaa.ooo.com/data>
UPDATE DATE: 2003/07/24 12:06:13

EDIT QUESTION SA ADD QUESTION ADD LOOP PROCESS SELECTING SCREEN NO GPS ○

PAGE 1 GPS ○

Q1 (Text) ADD ANSWER X CONFIRMATION IMAGE NONE
QUESTION
ANSWER 1 INPUT VENDING MACHINE ID LENGTH 4 NUMERICAL ITEM X
470 476 472 478 496 484 474 486 480 494 490 482 488

PAGE 2 GPS ○

Q2 (Text) ADD ANSWER X CONFIRMATION IMAGE NONE
QUESTION
ANSWER 1 LENGTH 3 NUMERICAL ITEM X
464a 464b 464c 492

PAGE 3 GPS ○

Q3 (SA) ADD ANSWER X CONFIRMATION IMAGE image1.png
QUESTION Q1) IS MERCHANDISE A FILLED?
ANSWER 1 FILLED LINK NONE X
ANSWER 2 NOT FILLED LINK NONE X
464b 492

PAGE 5 GPS ○

Q5 (MA) ADD ANSWER X CONFIRMATION IMAGE NONE
QUESTION Q2 IS THIS VM...
ANSWER 1 ...POP IS PRESENT X
ANSWER 2 UNIQUE POP IS PRESENT X
ANSWER 3 NOTHING X
452 PRODUCTION CANCEL 454

FIG. 5

FIG. 5 shows a hierarchical XML structure for a parameter. The structure is as follows:

```

<PARAMETER> 151a
  <RESEARCH ID>83</RESEARCH ID> 152
  <NAME> FILLED MERCHANDISE RESEARCH</NAME> 154
  <URL>http://aaa.ooo.com/data</URL> 156
  <PAGE>
    <PAGE NO.>1</PAGE NO.> 162
    <COMPONENT>
      <DATA NAME>data1</DATA NAME> 164
      <TYPE>Text</TYPE> 166
      <CHARACTER STRING> INPUT VENDING MACHINE ID
      </CHARACTER STRING> 168
      <CHARACTER TYPE> NUMBER</CHARACTER TYPE> 170
      <NUMBER OF CHARACTERS>4</NUMBER OF CHARACTERS>
    </COMPONENT> 172
  </PAGE>
  <PAGE>
    <PAGE NO.>2</PAGE NO.>
    <COMPONENT>
      <DATA NAME>data2</DATA NAME>
      <TYPE>GPS</TYPE>
    </COMPONENT>
  </PAGE>
  <PAGE>
    <PAGE NO.>3</PAGE NO.> 180
    <QUESTION> Q1) IS MERCHANDISE A FILLED? </QUESTION>
    <IMAGE FILE NAME>image1.png</IMAGE FILE NAME> 182
    <COMPONENT>
      <DATA NAME>data3</DATA NAME>
      <TYPE>SA</TYPE>
      <CHARACTER STRING> FILLED</CHARACTER STRING>
      <CHARACTER STRING> NOT FILLED</CHARACTER STRING>
    </COMPONENT>
  </PAGE>
  :
</PARAMETER> 151b

```

Annotations with numbers (151a, 152, 154, 156, 160, 162, 164, 166, 168, 170, 172, 174, 180, 182, 151b) are placed near specific XML tags and components to indicate specific elements or relationships within the structure.

FIG. 6

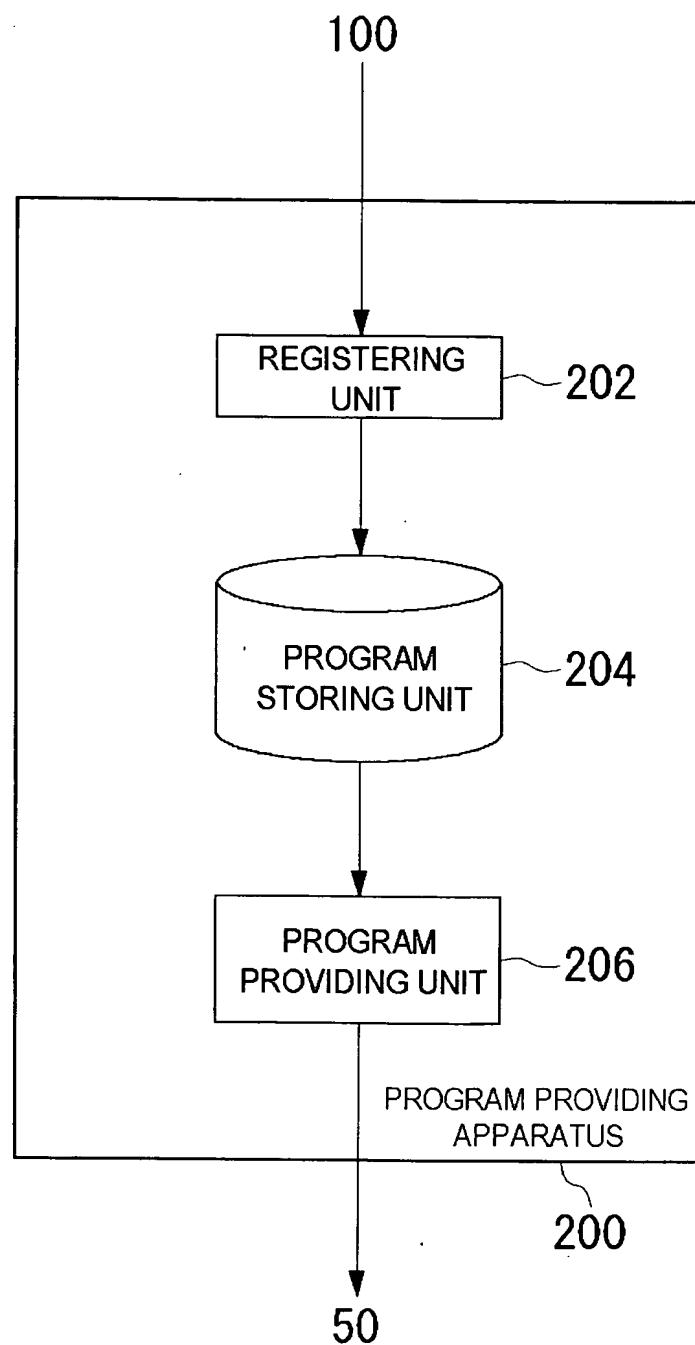


FIG. 7

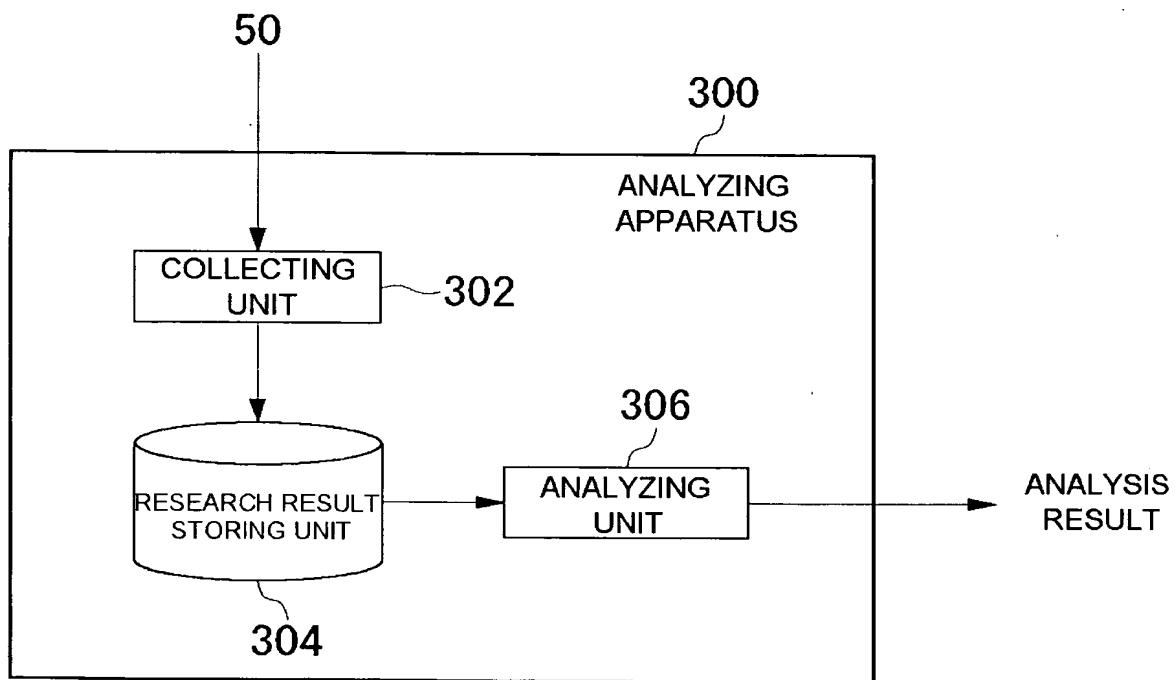


FIG. 8

